

AMENDMENT TO THE CLAIMS

Claim 1. (original) A miter saw, comprising:

a base;

a pivot arm;

a saw assembly attached to a first end of said pivot arm; and

a support housing connected to said base, said support housing including a pivot assembly, wherein

said pivot arm is attached to said pivot assembly at a second end of said pivot arm; and

said pivot assembly enables eccentric motion of said saw assembly with respect to said support housing.

Claim 2. (original) The miter saw of claim 1, wherein said pivot assembly comprises a pair of rolling bearings.

Claim 3. (original) The miter saw of claim 2, said pivot assembly further comprising:

a fixed arcuate track having said rolling bearings therein.

Claim 4. (original) The miter saw of claim 3, further comprising a pair of pivot pins connecting said rolling bearings to said pivot arm, wherein said rolling bearings are slidably engaged within said arcuate track.

Claim 5. (withdrawn) The miter saw of claim 1, wherein said pivot assembly is selected from the group consisting of:

pulleys;
gears; and
cam assemblies.

Claim 6. (original) The miter saw of claim 1 said saw assembly further comprising:

a blade; and
a motor operatively connected to said blade.

Claim 7. (original) A table saw, comprising:

a base;
a saw assembly pivotably mounted to said base, said saw assembly comprising:
an arm, moveable relative to said base; and
a pivot assembly operatively connected to said arm for moving said saw assembly
in an eccentric arc in a plane perpendicular to said base.

Claim 8. (original) The table saw of claim 7, wherein said pivot assembly comprises a pair of rolling bearings.

Claim 9. (original) The table saw of claim 8, said pivot assembly further comprising:

a fixed arcuate track having said rolling bearings therein.

Claim 10. (original) The table saw of claim 9, further comprising a pair of pivot pins connecting said rolling bearings to said arm, wherein said rolling bearings are slidably engaged within said arcuate track.

Claim 11. (withdrawn) The table saw of claim 7, wherein said pivot assembly is selected from the group consisting of:

pulleys;

gears; and

cam assemblies.

Claim 12. (original) The table saw of claim 7, further comprising a rotatable cutting tool supported by said arm.

Claim 13. (original) The table saw of claim 12, said saw assembly further comprising:

a blade; and

a motor operatively connected to said blade.